DXpedition News

Bangladesh - S2 Ray Gerrard G3NOM is in Bangladesh until August 8, and says his license as **S2/G3NOM** has been issued after a two-year wait. He may also be active as **S21U**, under the amateur radio development program initiated by Yoshi JA1UT in 1990. Ray will concentrate on the low bands, the new bands, and digital modes during his stay. QSL S2/G3NOM via G0CMM, and S21U via JA1UT. (Ray has been very active as HS0AC from Thailand.) Sunrise 2330Z; sunset 1230Z.

Cayman Islands - ZF Blaine WA0JTB and Greg KB0JBX Malmedal will operate as **ZF2SO/ZF8** and **ZF2SP/ZF8** from Little Cayman Aug. 20-26. Try 3505, 7005, 14025, 21025, and 28025 kHz on CW, and 3795, 7250, 14195, 14307, 21295, 21310, and 28495 kHz on SSB. Novices try 3710 and 7120 kHz. QSL home calls.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Pacific Peter Brogl DK6NP will operate from several countries in the central Pacific during August. First stop is **Fiji 3D** where he has asked for **3D2NP**. He'll try to be active from Yasawa Is. (OC-156) Aug. 3-6. Aug. 13-18 Peter will sign **A35NP** from Lifuka Island in the Ha'apai Group, a **New One** for IOTA. He'll also be active as **5W1NP** from Western Samoa.

Cook Islands - ZK Carlo Amorati I4ALU will operate **ZK1AL** from Raratonga (OC-013) in the South Cooks Aug. 14-18 and Aug. 31. He'll be on Aitutaki (OC-083) Aug. 26-30. Between the South Cook operations will be activity from Manihiki (OC-014) in the North Cooks Aug. 19-22, and Penrhyn (OC-082), also in the North Cooks, Aug. 23-25. CW only on 7010, 14010, 21010, and 28010 kHz. QSL home call.

Shortly Noted

- **D2CW** is Rudi DK7PE, who has been very workable on CW. Try 7005 kHz at 03-0500Z, and 21025 kHz at 1830Z, as well as the new bands. QSL home call.
- **KJ4VH/VS6** will be active on CW is early August, with guest operations from VS6s and a weekend side trip to Macao XX also possible. QSL home call.
- **FM5CD** is active until Aug. 10, by F5VU. Try 7015, 14252, 18140, 21247, and 24940 kHz. (OPDX.)
- **5H3CC** will be active until Aug. 28, with Italian operators. QSL to I1HAG. (OPDX.)
- **PY0TUP** on Trindade is limited to low-band operation. Try 7087 or 7067 kHz at 00-0100Z. **PY0TSN** will be a two-month operation by PY3ASN.
- **OD5RH** is active until August 30, with Hani N3IWM operating. QSL home call.
- **XU8CW** will be active until Aug. 31, by F6IRF. Try 15 and 17 meters around 1430Z.
- **SSB Nets:** Net check-ins: **14227:** (11,22Z) OD5ZZ OD5/SP1MHV H44AP A35KB HL9HH P29WK TR8JH; **14236:** (02Z) HC8JG ZK1AR SV7BAY/5; **14256:** (2330Z) S21A JW0F; **21335:** (14Z) TL8NG S79KMB UI8ZAA.
- **RTTY: RF6FC** is often on 14085 kHz at 2200Z. Spots: **TU2BB** 14076 ARQ 0708Z; **A71BS** 21082 1430Z; **VQ9QW** 14085 1836Z; **9M8ZZ** 14083 2030Z; **FR5ZU** 14084 0345Z; **TR8MD** 21083 1300Z; **7Q7XX** 21085 1330Z; **C31NP** 21082 1545Z; **P29RB** 14083 0600Z; **A92FG** 14069 0300Z.

Islands On The Air

- **K1WNT/1C3** will be active from the Connecticut State group (NA-136) Aug. 8-9. Mostly CW, with SSB operation on the IOTA frequencies. QSL to K1CVF.
- **Channel Islands** (NA-066) will be available during August as **KK6EK** operates from various spots. Try 14328 kHz at 0030Z. He'll be around the northern Channel Islands (NA-144) Aug. 2-4, and 28-30.
- **Isla Puna** (SA-034) will be on the air Aug. 1-2, with ops HC2FU, HC2GE, HC2GZA, and HC2HVE signing **HD2/**, on the IOTA frequencies (14260, 21260, 28460 kHz). QSL via DL8NU, and **not** via home calls.
- **Russell Islands** in the Solomon Islands H4 (OC-???) is the target of Franco Armenghi I4LCK Aug. 3-6. Try 14260, 21260, and 14003-5 kHz. QSL home call. (DXNS.)
- **New Georgia** (OC-159) in the Solomons is Franco's goal Aug. 7-11. Same info as above.
- **Apia** (OC-097) in Western Samoa 5W will be on CW Aug. 9-13, by Carlo I4ALU (see Cooks Islands info). Carlo may make a side trip to Upolu Island (OC-045) in the American Samoa KH8 group during his stay.
- **Alhucemas Island** (AF-060) will be active as **AN9A** the second week in August, with 15 operators on all bands. QSL to EA4KK.
- **Huksan Archipelago** (AS-093) will be active Aug. 13-16 as **HL0BDU/4**.

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before				55 Days Before			
July 1992	Date	Flux	A	K	Date	Flux	A	K
31 High Normal	07/04	137	02/07	1	06/07	116	07/08	2
August 1992								
1 Low Normal	07/05	146	11/14	2	06/08	115	24/30	3
2 High Normal	07/06	150	05/06	1	06/09	119	21/14	2
3 High Normal	07/07	155	02/05	1	06/10	125	20/16	3
4 High Normal	07/08	152	03/06	1	06/11	129	21/24	4
5 High Normal	07/09	160	03/05	1	06/12	127	26/30	3
6 High Normal	07/10	170	06/06	2	06/13	124	14/12	3
7 Above Normal	07/11	168	02/03	1	06/14	123	09/07	1
8 High Normal	07/12	172	16/16	3	06/15	121	06/10	2
9 Low Normal	07/13	176	22/25	4	06/16	119	06/07	1
10 High Normal	07/14	176	18/16	3	06/17	130	06/07	1
11 Above Normal	07/15	168	08/08	1	06/18	116	14/18	4
12 High Normal	07/16	157	10/16	2	06/19	115	11/12	3
13 High Normal	07/17	136	07/08	2	06/20	113	10/08	2
14 High Normal	07/18	126	04/05	2	06/21	117	09/08	2
15 High Normal	07/19	119	04/04	1	06/22	116	10/12	1
16 High Normal	07/20	124	07/08	2	06/23	122	11/13	3

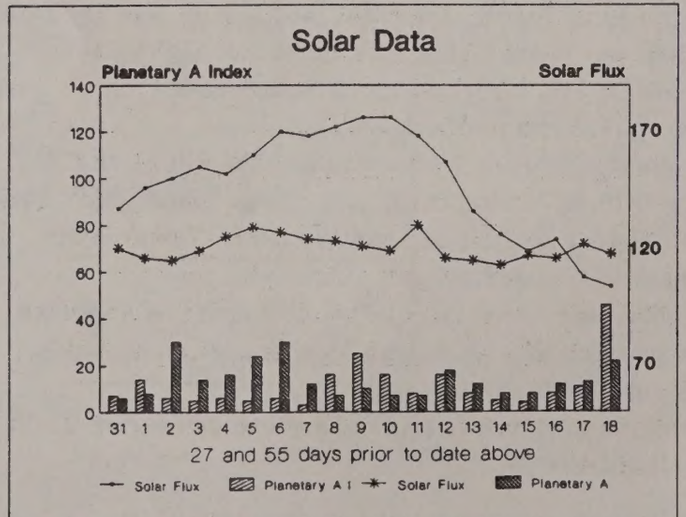
Propagation Watch

Solar flux levels plummeted back below 100 in mid-July, a dramatic drop from the 170+ levels earlier in the month. The drop in solar activity has curtailed openings on 10 and 12 meters. Even the north-south path has been scarce.

Fortunately, the geomagnetic field has been relatively quiet, producing good openings on 20 and 17 meters, and some daytime DX on 15 meters. Even 30 and 40 meters have been worth checking, in spite of the seasonally high noise levels.

The 27.5-day cycle of solar activity been become blurred, and forecasts are very chancy. In general, look for relatively low flux levels, and resulting depressed Maximum Useable Frequencies (MUFs). The combination of low MUFs and seasonal noise on the lower bands has squeezed much of the good DX into 20 meters. The local dawn opening is well worth getting up early, especially when the K index is very low (2 or less). Pay particular attention to polar paths, high-latitude paths, and long paths; the DX is there.

The minimal sunspots currently on the visible side of the sun are all small, stable, and magnetically simple. This suggests little chance of band-disrupting flares, and continued low MUFs. Good hunting!



New Orleans International DX Convention

The Royal Sonesta Hotel, headquarters of the Convention, will honor the special rate of $105/night until August 28, 1992. (The regular rate is $185/night.) Register now, as the rooms are selling out, with only a few left at this special rate. Call the hotel at 504-586-0300, and mention the convention. Convention registration and banquet is $50 to July 31, and $60 thereafter. Check, money order, or Visa/Mastercard to the New Orleans International DX Convention, c/o Weston Strauch W5VBX, 2238 Lake Oaks Parkway, New Orleans LA 70122; phone 504-283-4143, fax: 504-524-2129.

The program includes ARRL DXAC by K5UR, 1991 Afghanistan and Albania DXpeditions, 1992 Navassa, Christmas Island, Clipperton, and South Sandwich DXpeditions, technical and packet forums, QSL card checking, and more.

Amateur Licensing in Albania

The Radiocommunication State Commission and the Albanian Amateur Radio Association (AARA) has issued a statement about amateur licensing:

"The AARA was created on 7 August 1991 by the General Directorate of the PTT. The first official transmission from Albania took place on 16 September 1991 with the callsign ZA1A. According to decision No. 139, dated 7 July 1989, of the Albanian Government, the Radiocommunication State Commission is the only official organization having the right to issue transmitting licenses....

"The State Commission has also issued 32 licenses to foreign amateurs who have visited Albania. Their callsigns have the prefix ZA1Z plus the last two letters of their personal callsigns. In January, 1992 the Commission decided that callsigns for foreign amateurs in Albania would henceforth be ZA/own call.

"Lastly, Albanians and foreigners who have transmitted from Albania with any license issued by the Sport Federation or any other organization not approved by the Radiocommunications State Commission are considered illegal."

[This statement appears to be an effort to consolidate amateur licensing under the AARA, after the Hungarians gained DXCC acceptance for their Sept. 1991 Sports Federation-approved operations as ZA0RS, ZA1DX, ZA1QA, etc. Note that the AARA statement also says all previous Albanian amateur operations were illegal, including Frank Turek DL7FT's two trips, and Martti Laine OH2BH's limited operation. Fortunately, the ARRL does not discredit previously accepted operations. -ed.]

DXCC Backlog

The **DXCC backlog** has the DXCC desk processing applications received in early March at this time. Applications are 33% ahead of last year, despite the new application fees, and the number of cards to be checked in up 50% over 1991. DXCC desk staff is back to full strength, and is working to improve turn-around time.

Complete and Return your 1992 Survey now!

B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.*

S	M	T	W	T	F	S
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15

RTTY

5U7M	14084	2129	20	FL
7Q7XX	21088	1736	25	FL
9Y4VU	14092	2059	24	FL
A45ZX	14091	0222	24	CT
A92FG	14087	0154	25	FL
DU1WP	14081	1440	18	CA
ES7FQ	14086	0555	19	CA
FO4OD	14085	0325	18	CA
FR5ZU	14088	0315	19	OH
HH2PK	21089	1645	19	CA
HL5FRG	21086	1415	18	OH
HSØZAA	14087	1202	23	CT
OX3BV	14088	0230	19	OH
P29RB	14079	1110	20	OH
P43EC	14091	2300	23	FL
RF6FC	14087	2210	20	FL
TU4EB	21088	2146	20	FL
UO5OIN	14089	2210	20	FL
VP8CIL	14089	2159	22	FL
VQ9IO	14090	0040	24	CT
VR6BX	21084	0101	20	CT
ZS6NW	14084	0625	22	CA
ZYØFZI	14083	0029	19	FL

75 Meters

T3ØJH	3795	1056	19	AL
VK6ACY *	3798	2325	17	MA
ZK1RS	3795	1049	13	AL
	North Cooks			

40 Meters

HP1XQN	7001	2003	25	FL
ZD8LII	7003	2335	25	FL

30 Meters

3B8CF	10103	0333	24	CT
5K2MU	10104	0004	25	FL
9A2ER	10101	2323	17	CT
D2CW	10101	2300	25	FL
FK8GJ	10101	0515	22	CT
FK8GJ	10107	1101	24	CT
ZD8LII	10105	2317	25	FL
ZK1RS	10105	0414	22	CT

20 Meter CW

3B8CF *	14031	1236	15	WA
3B8FG *	14022	1256	15	WA
4J4GMM	14004	2221	20	FL
4L1QRQ	14028	0315	27	GA
4U1UN	14013	0055	22	GA
5HØROA	14018	0043	22	FL
7Q7XX	14014	2244	22	MN
9J2SZ	14004	0450	19	CA
9K2MU	14020	2244	16	MI
9M2NA	14011	1423	16	WA
9M8FC	14007	1240	16	CO
9V1XR	14025	1440	12	UT
9V1YC	14021	1303	16	MI
A22MN *	14025	1150	21	MN
AP/ WA2WYR	14025	0135	24	GA
	14027	2250	17	NH
BV2DM	14023	1224	20	MN
BV2TA	14008	1201	21	MN
BV7CP	14003	1240	16	MI
C9NAA *	14008	1241	14	WA
DU7/N7ET	14021	1404	19	IL
EL2FN	14004	1443	14	LA
FG5XC	14043	2206	24	FL
FM5GI	14034	0011	23	FL
FR5DD *	14019	1225	21	MN
FY5FX	14016	2235	20	FL
J28FO	14013	0021	24	MN
OD5/ SP7LSE	14015	0206	15	LA
OD5/ SP1MHV	14024	2117	21	FL
OX/ HB9DKD	14021	0037	24	FL
P29DK	14021	1146	16	AL
P29KH	14035	1230	15	IL
PZ5EL	14011	0426	25	CA
R1O	14008	0030	22	GA
RM8MW	14016	0109	22	FL
SV7BAY/5	14013	0015	22	GA
TA1AZ	14008	2158	24	FL
TJ1BG	14017	2201	14	CO
TL8PS	14019	0204	14	LA
TU2MA	14008	0120	25	FL
UD6DCP	14020	0040	24	FL
UF7FWW	14006	2235	16	MI
UI8IF *	14016	1157	21	MN
UJ8JA	14008	0300	21	MN
UJ8KA	14007	0145	25	FL
UM8MQ	14020	2235	20	FL
V73CT	14027	0930	16	MI
VK6ZH	14016	1219	15	WV
VP2MLD	14014	0015	23	FL
VU2EN *	14021	1209	20	MN
VU2MAB	14023	1224	15	CO
XQØYAF	14004	2359	24	FL
	Easter Island			
XU8CW	14009	1413	16	WA
YA/ OK1IAI	14035	0215	14	GA
YB2UDH	14033	1201	19	FL
YB3OSE	14012	1239	21	MN
YN1CC	14001	0459	17	OR
YN1CC	14019	2216	24	FL
Z21FN *	14024	1310	15	WA
ZA1E	14025	0210	14	GA
ZA1J	14024	0110	21	FL
ZA1P	14006	0010	22	GA
ZA1Q	14021	0020	22	GA
ZA1Z	14030	0015	20	GA
ZD8D	14035	0008	25	FL
ZP6CW	14027	0205	14	IL

20 Meter SSB

4J4GAT	14157	0430	19	FL
4N5PK	14195	0312	19	IL
	Macedonia			
5U7M	14216	2035	19	MA
9A2OM	14170	0430	19	FL
9M8DB	14226	1656	20	CA
A71BV	14194	2116	19	MA
A71BV	14303	2355	24	CT
CEØYFL	14200	0404	23	CA
	Easter Island			
EH92R	14220	0350	18	IL
V63JP	14232	1146	15	MD
XU8CW	14224	1441	17	MD
YJ8RN	14277	1218	25	CT
ZK1RS	14197	0430	13	OR
ZK1RS	14205	1257	18	CO
	North Cooks			

17 Meter CW

4K3OQL	18082	0558	20	CA
5HØROA	18073	2345	25	GA
5T5CJ	18081	1115	11	AL
AHØG/TF	18070	2130	19	FL
D2CW	18070	1129	25	FL
HZ1HZ	18069	1931	17	OH
TF3CW	18072	1928	17	OH
UØAG	18073	2212	19	AL
UC2AAA	18074	2137	19	FL
UF7FWW	18076	0622	20	CA
UF7FWW	18074	1941	17	OH
UI8QU	18088	0225	11	WV
VQ9RB	18087	1815	14	NY
VS6WV	18076	2005	19	CA
YL2PQ	18080	1142	25	FL
YO3AC	18076	2300	18	WI
ZD8LII	18071	2208	25	CT

17 Meter SSB

4S7EA	18161	1620	19	CA
KH3AE	18143	0603	18	CA
LZ1BY	18135	0522	18	CA
SV1JG	18127	0513	18	CA
UF7FWW	18140	2017	25	CT
V63AO	18141	0603	19	CA
YBØARM	18135	1506	18	CT
ZK1RS	18115	0129	25	CT
ZK1RS	18143	0944	18	CA
	North Cooks			
ZYØFZI	18150	1930	18	MA

15 Meter CW

3A2LF	21031	1605	19	CA
4J4JJ	21011	1750	19	WI
5NØSKO	21027	2228	19	GA
5Z4TT	21007	2055	18	CA
8R1J	21014	2218	19	FL
9V1YC	21021	1531	19	MN
A22MN	21029	1248	17	IL
A24MW	21016	1504	25	FL
AP/ WA2WYR	21036	1630	19	CA
BY1PK	21011	0054	19	CA
BY4SZ	21024	1450	19	MN
BY5QA	21008	1220	19	FL
BY5RA	21020	1820	19	MN
BY9GA	21030	0035	20	MN
	Zone 23			
EH92B	21032	1821	18	CA
FY5FX	21016	1149	19	FL
HJØVGJ	21021	1444	19	MN
	San Andreas			
JT1CD	21011	0039	20	AL
PZ1AV	21044	2128	19	GA
PZ1DT	21011	0131	19	WI
RM8MW	21015	1725	19	CA
TL8PS	21029	1356	17	OH
TR8YA	21050	1431	26	CT
UC1AWW	21033	1415	26	CT
UF7FWW	21025	1209	20	GA
UH8BO	21026	0418	19	IL
UH8BO	21026	1730	19	CA
UH8MY	21017	1850	19	CA
VK9CB	21020	2230	18	WI
	Cocos-Keeling			
VS6BG	21003	0127	19	WI
VU2NBT	21030	1455	19	CA
VU2TTC	21035	1840	18	CA
XQØYAF	21009	1640	19	WI
	Easter Island			
XU8CW	21005	0107	19	CA
YA/ OK1IAI	21038	0204	19	CO
ZA1M	21010	2045	18	GA
ZD8LII	21012	2242	18	WI
ZD8SM	21029	1932	15	NH

15 Meter SSB

3B8AD	21265	1447	17	MD
5NØCEP	21290	1830	26	GA
5Z4BI	21220	1933	14	NH
5Z4PL	21335	2040	19	MA
9M2JA	21333	1613	18	CT
A22MN	21330	1534	18	MA
A71BV	21286	1451	17	MD
C9RDM	21366	1613	11	MD
EA9KQ	21297	1937	14	NH
EH92C	21258	2117	18	FL
HS1EV	21337	1959	11	MD
J5UAI	21325	1501	26	CT
S21A	21281	1645	19	WI
SU2MT	21283	2040	18	MN
SV5TS	21272	1825	26	GA
TJ1BG	21295	1953	15	NH
TR8JWH	21282	1943	19	MN
TZ6NU	21265	1840	14	NH
UI8ZAA	21263	0149	19	WI
VS6WV	21291	1830	18	MN
ZD7SM	21315	1940	20	MN
ZK1AR	21256	0235	20	MN

12 Meter CW

C9RJJ	24894	1133	25	FL
D2CW	24895	1144	25	FL

12 Meter SSB

VP2MEG	24950	1846	18	MA
ZS1ACY	24964	1527	18	MA

10 Meter CW

V47ITU	28026	1856	15	NH

Issue 648 - July 31, 1992

Current and Future DXpeditions

(Changes and hot info in boldface.)

DXCC Country	Prefix	Callsign	Dates	Issue
American Samoa	KH8/	G4ZVJ	Aug. 12-26	I646
Ascension Island	**ZD8**	**ZD8Z**	**July 22-Aug. 5**	**I645**
Bahamas	**C6A/**	**KD4GLC**	**Aug. 1-16**	**I646**
Bangladesh	**S2**	**S21A**	**20/15M SSB 1600Z**	**I647**
		S2/G3NOM	**to Aug. 8**	**I648**
Baleric Islands	**EA6/**	**F6GIN**	**July 25-Aug.20**	**I645**
Botswana	A2	A22MN	28469/13Z Sat	I642
Brunei	V8	V85?	Aug. 9-10	I646
Cayman Islands	**ZF**	**ZF2SO/SP**	**Aug. 20-26**	**I648**
Desecheo	KP5	KP1 crew	December	I645
Eastern Malaysia	**9M6**	**9M6SMC?**	**Now-Aug. 8**	**I646**
Fiji	**3D**	**by JAs**	**Aug. 7, 14-15**	**I647**
		3D2NP	**Aug. 3-6**	**I648**
Galapagos Islands		**HD8VO**	**Aug. 5-20**	**I646**
Gibraltar	**ZB**	**ZB2FK**	**10M CW 1900Z**	**I647**
Glorioso	**FR/G**	**FR5ZQ/G**	**August**	**I647**
Guinea-Bissau	**J5**	**J5UAI**	**Now active**	**I641**
Hong Kong	**VS6/**	**KJ4VH**	**early Aug.**	**I648**
Iceland	**TF/**	**Fs**	**July 19-Aug. 5**	**I644**
Iraq	**YI**	**YIØEB**	**now active**	**I646**
Jersey Island	**GJ/**	**PA3FWU**	**July 31-Aug. 8**	**I646**
Kuwait	**9K**	**9K2MC**	**14185 2330Z**	**I647**
Lebanon	**OD5/**	**SPs**	**now authorized**	**I639**
		OD5RH	**to Aug. 30**	**I648**
Martinique	**FM**	**FM5CD**	**to Aug. 10**	**I648**
Mauritania	**5T**	**5T5CJ**	**17M 1500Z**	**I639**
Midway Islands	**KH4/**	**NH6YK**	**to Aug. 20**	**I646**
Mozambique	**C9**	**C9TDM**	**28400/14Z**	**I645**
Niue Island	ZK2	ZK2VJ	Aug. 26-Sept. 2	I646
North Cooks	**ZK1**	**ZK1RS**	**Now**	**I647**
	ZK1	**ZK1AL**	**Aug. 19-25**	**I648**
Oblast 062	**RB5X/RB5UE**		**July 1-Sept.**	**I643**
Solomon Islands	**H4**	**H44GC**	**Aug. 7-9**	**I647**
		I4LCK	**Aug. 3-11**	**I648**
Somalia	**T5**	**T53UN**	**2-6 months**	**I639**
South Cooks	**ZK1**	**ZK1AL**	**Aug. 14-18**	**I648**
Svalbard	**JW**	**JW5NM**	**Now active**	**I632**
Tanzania	**5H**	**5H3CC**	**to Aug. 28**	**I648**
Tonga	**A3**	**A35NP**	**Aug. 13-18**	**I648**
Vietnam	**XV**	**XV7TH**	**21295 13-16Z**	**I637**
Wallis & Futuna	**FW**	**FW1FM**	**17M 08-10Z**	**I642**
Western Kiribati	**T3Ø**	**by JAs**	**Aug. 8-13**	**I647**
Western Samoa	**5W**	**5W1??**	**Aug. 9-13**	**I648**

Operating Events and DX Gatherings

Dates	Event	Reference:
Aug. 1-2	Romanian DX Contest	CQ
Aug. 8-9	Worked All Europe CW Test	CQ
Aug. 15-16	SEANET SSB	August DX Magazine
Aug. 15-16	SARTG RTTY Test	August DX Magazine
Aug. 21-23	ARRL National, Los Angeles	
Aug. 21-23	Polish IOTA Convention	I645
Aug. 28-30	New Orleans International DX Convention	
Sept. 12	W9DXCC Convention	I640
Oct. 10-11	DXPO 92, Washington DC	
Oct. 10-11	West Texas DX Bash	I645

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Albania	ZA1s	20M CW	00-0300Z
Botswana	A22MN	14028	1200Z
Cameroon	TJ1BG	14017	2200Z
Georgia	UF7FWW	21020±	1200Z
Georgia	UF7FWW	20M CW	2230-03Z
Guyana	8R1J	21010±	2200Z
India	VU2MAB	14022	1200Z
India	VU2NBT	21030	1500Z
Kuwait	9K2MU	14018	2245Z
Lebanon	OD5/SP1MHV	14025	2100Z
Malawi	7Q7XX	14010±	2245Z
Marshall Islands	V73CT	20M CW	0930Z
Mauritius Island	3B8CF	10103	0330Z
Midway Islands	NH6YK/KH4	28480	18-07Z Sat/Sun
Pakistan	AP/WA2WYR	15M CW	1545Z

The DX Bulletin

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DXCC Country	Callsign	Freq.	UTC
Reunion Island	FR5DD	20M CW	1230Z
Romania	YO3AC	18074	2300Z
Singapore	9V1YC	14020	1300Z
Singapore	9V1YC	21025±	1530Z
Taiwan	BV2DM	14023	1230Z

Contributors

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